Title: Distance-learning system with dynamically
constructed menu that includes embedded
applications
Inventor: Scott Gray et al.
Attorney Docket No. 06030.00003
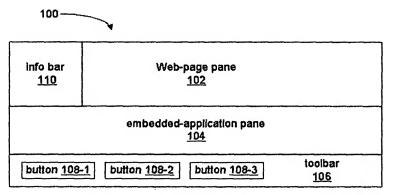Serial No. Unassigned
Sheet 1 of 7

100

Info bar 110	Web-page pane 102
embedded-application pane 104	

button 108-1	button 108-2	button 108-3	toolbar 106

Figure 1

800

UserActiveBand.dll
802

CUserActiveBandApp
804

CToolBand
806

CMenuItem
808

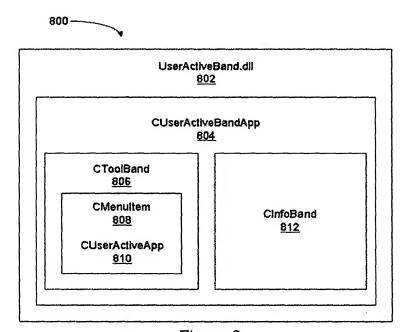**CUserActiveApp**
810

CInfoBand
812

Figure 8

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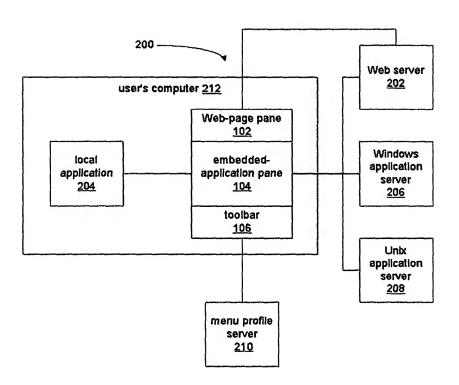Attorney Docket No. 06030.00003
Serial No. Unassigned
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200

user's computer 212

Web-page pane
102

local
application
204

embedded-
application pane
104

toolbar
106

Web server
202

Windows
application
server
206

Unix
application
server
208

menu profile
server
210

Figure 2

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Serial No. Unassigned
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300

Disconnected State
The toolbar is visible and is in it's base state. There is a Connect button
populated with a list of available profiles that can be requested.
302

Connected State
The user has now requested and received an institution's profile from the
menu profile server. The first button is now populated with menu items
based upon the institution's profile information. An initialize-Logon
button may be used to initialize the logon to request a user profile.
304

Logged-On-Inactive State
The user has now requested and received a user profile from the profile
server. The toolbar's menu structure is now populated with menu items
based upon the user profile. An embedded-applications button may be
used for listing embedded applications that are available to the user.
306

Logged-On-Active State
The user has now activated an embedded-application, which is
displayed in the embedded-applications pane.
308

Figure 3

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Attorney Docket No. 06030.00003
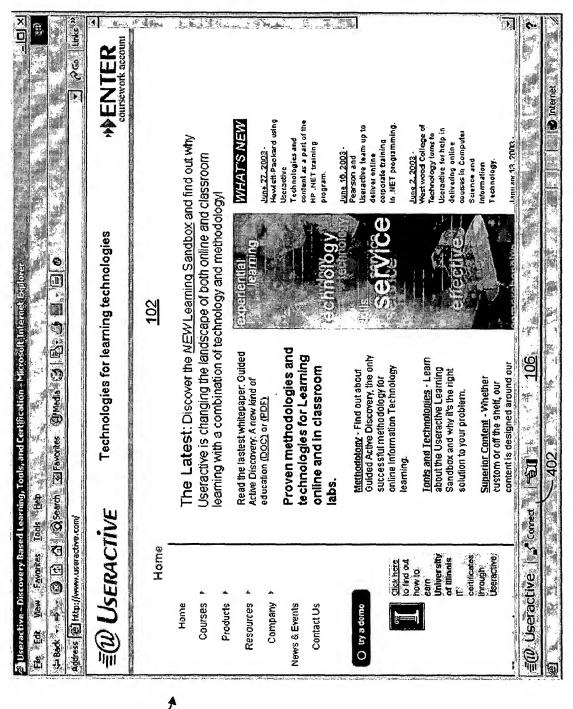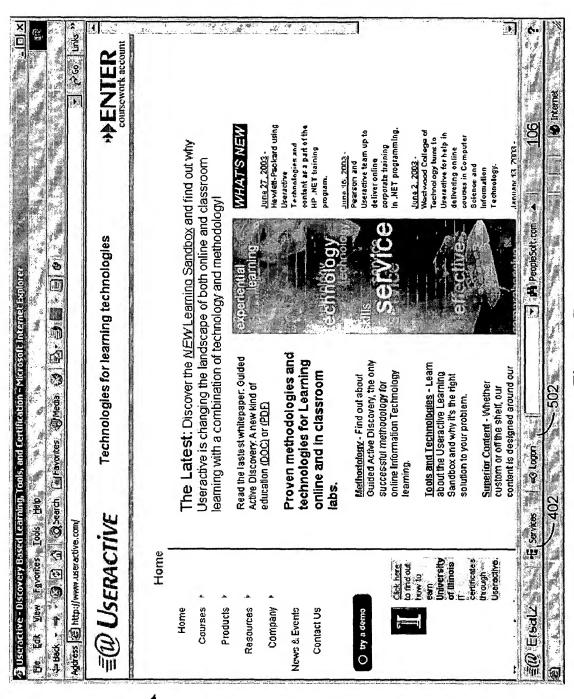Serial No. Unassigned
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Figure 4

Title: Distance-learning system with dynamically
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Figure 5

Title: Distance-learning system with dynamically
constructed menu that includes embedded
applications
Inventor: Scott Gray et al.
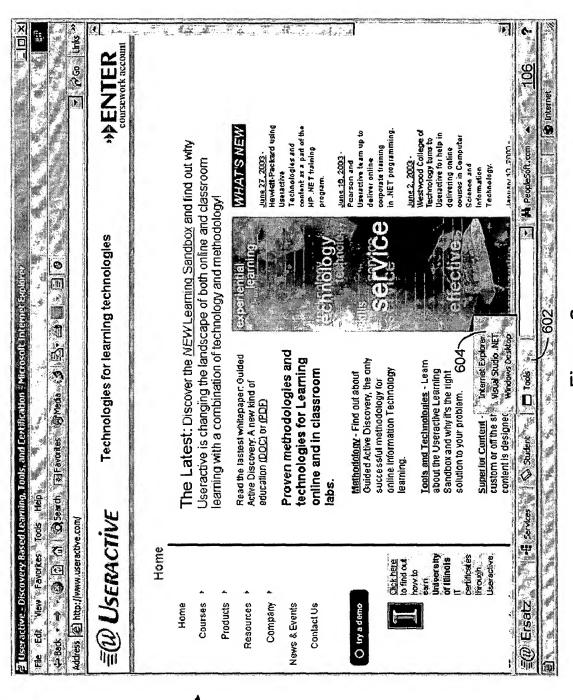Attorney Docket No. 06030.00003
Serial No. Unassigned
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Figure 6

Title. Distance-learning system with dynamically
constructed menu that includes embedded
applications
Inventor: Scott Gray et al.
Attorney Docket No. 06030.00003
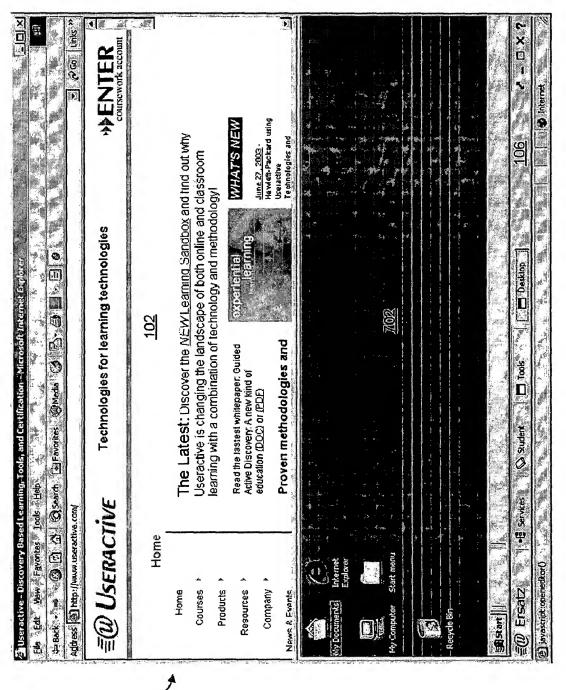Serial No. Unassigned
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Figure 7